

| name | min | fldmean | max | unit | description |
|----------|------------|-----------|-----------|-------|---|
| prlr | 0.0000 | 2.9176 | 305.1768 | mm/d | precip large scale rain |
| prls | 0.0000 | 0.2686 | 118.5769 | mm/d | precip large scale snow |
| aprl | 0.0000 | 3.1862 | 305.1768 | mm/d | large scale precipitation |
| pr | 0.0000 | 3.1862 | 305.1768 | mm/d | total precipitation |
| evspsbl | -46.0934 | -3.1793 | 25.4631 | mm/d | evaporation |
| P_E | -29.2866 | 0.0069 | 305.3875 | mm/d | precipitation-evaporation |
| sic | 0.0000 | 2.6904 | 100.0000 | % | ice cover (fraction of grid box) |
| hfss | -728.8005 | -23.5110 | 1635.7889 | W/m2 | sensible heat flux |
| hfls | -1511.4254 | -92.1644 | 821.3521 | W/m2 | latent heat flux |
| prw | 0.1956 | 22.9221 | 57.0198 | kg/m2 | vertically integrated water vapor |
| cllvi | 0.0000 | 92.4993 | 1112.3530 | g/m2 | vertically integrated cloud water |
| clivi | 0.0000 | 9.9453 | 125.3343 | g/m2 | vertically integrated cloud ice |
| psl | -30.8956 | 11.4345 | 36.5145 | hPa | mean sea level pressure |
| clt | 0.2688 | 68.0272 | 99.9194 | % | total cloud cover |
| ts | -61.4906 | 13.7147 | 34.6423 | C | surface temperature |
| tas | -58.6826 | 13.2816 | 36.2901 | C | 2 m temperature |
| rsns | 1.2727 | 161.6888 | 290.5112 | W/m2 | net surface SW radiation |
| rsds | 8.2291 | 188.5543 | 359.6419 | W/m2 | SW down surface |
| rsus | 1.1980 | 26.8655 | 263.5970 | W/m2 | SW up surface |
| rlns | -156.7032 | -50.4624 | 21.9926 | W/m2 | net surface LW radiation |
| rls | 74.4484 | 340.7098 | 439.2833 | W/m2 | LW down surface |
| rlus | 113.9367 | 391.1722 | 510.2645 | W/m2 | LW up surface |
| net_flux | -1102.8710 | -4.4490 | 1976.1765 | W/m2 | surface net energy flux |
| rsnt | 8.0990 | 238.1838 | 382.1580 | W/m2 | net top SW radiation |
| rlnt | -312.6494 | -238.8148 | -123.7457 | W/m2 | net top LW radiation (-OLR) |
| rsdt | 21.1022 | 343.6392 | 437.0128 | W/m2 | top incoming SW radiation |
| rsut | 12.7049 | 105.4554 | 295.9137 | W/m2 | TOA Outgoing SW Radiation |
| sclf0 | -228.5547 | -51.0149 | 4.4874 | W/m2 | TOA net SW cloud effect |
| tauu | -5398.3662 | 8.7343 | 8660.4053 | mN/m2 | u-stress |
| tauv | -4824.2002 | -3.3320 | 2477.8784 | mN/m2 | v-stress |
| sfcwind | 0.0306 | 6.3079 | 100.7856 | m/s | 10m Wind Speed |
| sit | 0.0000 | 0.0392 | 3.5000 | m | ice thickness |
| qgvi | 0.0000 | 0.0119 | 0.9690 | kg/m2 | total_graupel vertically integrated graupel |
| qrvi | 0.0000 | 0.0167 | 0.9130 | kg/m2 | total_rain vertically integrated r |
| qsvi | 0.0000 | 0.0516 | 1.5479 | kg/m2 | total_snow vertically integrated s |